

CURRICULUM VITAE

PERSONAL DATA

Name: **Steven Eldon Gay, MD, MS**

EDUCATION

09/1978-06/1982	Rich South High School, Richton Park, Illinois
09/1982-06/1986	Yale University, New Haven, Connecticut, B.S. Biology
09/1986-06/1990	University of Illinois at Chicago College of Medicine, Chicago, Illinois, M.D.
10/2001-04/2003	University of Michigan School of Public Health, Ann Arbor, Michigan, Masters in Clinical Study Design and Biostatistics

POSTDOCTORAL TRAINING

07/1990-06/1993	Internship and Residency in Internal Medicine, Michael Reese Hospital and Medical Center, Chicago, Illinois
07/1994-06/1997	Fellowship in Pulmonary and Critical Care Medicine, University of Michigan Medical Center, Ann Arbor, Michigan

SENIOR POSTDOCTORAL TRAINING

None

ACADEMIC APPOINTMENTS

08/2000	Clinical Assistant Professor of Medicine, University of Michigan College of Medicine
08/1998-07/2000	Clinical Assistant Professor of Medicine, University of Illinois College of Medicine

ACADEMIC ADMINISTRATIVE APPOINTMENTS

05/2003-	Associate Director, Lung Transplant Program
04/2002-	Medical Advisor, Michigan Society of Respiratory Care
03/2002-	Medical Director, Bronchoscopic Services
04/2001-	Medical Director, Critical Care Support Services University of Michigan Health System
06/1998-07/2000	Medical Director, Malcolm X College Department of Respiratory Therapy
08/1997-07/2000	Medical Director, Pulmonary Rehabilitation Program Medical Director, Pulmonary Function Laboratory

Mercy Hospital and Medical Center, Chicago, Illinois

CLINICAL/HOSPITAL APPOINTMENTS

8/1997-7/2000 Staff Physician, Division of Pulmonary and Critical Care Medicine
Educational Director, Respiratory Therapy
Mercy Hospital and Medical Center, Chicago, Illinois

CONSULTING POSITIONS

1992-1993 House Physician, Intensive Care Unit,
EHS Trinity/South Chicago Community Hospital, Chicago, Illinois

1993-1995 Emergency Room Attending Physician,
Edgewater Hospital, Chicago, Illinois

1995-1997 Emergency Room Attending Physician,
Beyer Hospital, Ypsilanti, Michigan

1993-2000 Emergency Room Attending Physician,
EHS Trinity/South Chicago Community Hospital, Chicago, Illinois

SCIENTIFIC ACTIVITIESStudy Sections

None

Reviewer

None

Editorial Boards

None

GRANT SUPPORTCurrent

National Institutes of Health, Research Supplements for Underrepresented Minorities
PA Number PA-01-079
“Predictors of Response to Therapy in IPF”
Fernando J. Martinez-Project Director
P.I. Gay, S.E. (39% effort)
6/1/03-5/30/05

Recent

University of Michigan, K30 Curriculum Development Awards
David E. Schteingart - Project Director
9/1/01-5/30/03

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GlaxoSmithKline New Investigator Award

“Recruitment of CD8+ lymphocytes to the lung in patients with emphysema:
Investigation of the molecules and receptors responsible and their correlation with
severity of disease”

P.I. Gay, S.E. (35% effort)

12/01/01 –12/10/03

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American Lung Association, Michigan Chapter, Research Training Fellowship,
Galen B. Toews - Project Director

7/1/95-6/30/97

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CERTIFICATION AND LICENSURE

1992-	Medical Licensure, Illinois
1994-1997	Medical and Board of Pharmacy Licensure, Michigan
1993	US Dept of Justice DEA License
1995-	Board Certification in Internal Medicine
1997-	Board Certified in Pulmonary Medicine
2000-	Board Certified in Critical Care Medicine

MILITARY SERVICE

None

HONORS AND AWARDS

None

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

1992	American College of Physicians
1992	American Society of Internal Medicine
1992-1993	Delegate, American College of Physicians Associates Council, Illinois Chapter
1994	American College of Chest Physicians
1994-	American Thoracic Society
1997	American Medical Association
1997	Member, Task Force on Minority Issues American Thoracic Society
1997-	Chicago Thoracic Society
1998	European Respiratory Society
1998	British Thoracic Society
1999	Membership Committee, American Thoracic Society
2003-	Program Committee, Clinical Problems Assembly, American Thoracic Society

TEACHING ACTIVITIES*University of Michigan*

12/94	Lecturer, Pulmonary Clinical Conference, University of Michigan, Ann Arbor, "Syndromes of Sleep Apnea"
7/95	Lecturer, Pulmonary Research Conference, University of Michigan, Ann Arbor, MI, "Isolation and Function of Mouse Lung Dendritic Cells"
12/95	Lecturer, Pulmonary Clinical Conference, University of Michigan, Ann Arbor, MI, "Alternative Therapies in Status Asthmaticus"
9/96	Visiting Lecturer, Michigan Society for Respiratory Care Annual Fall Conference, "Dyspnea and Exercise Testing"
2/97	Lecturer, Pulmonary Clinical Conference, University of Michigan, Ann Arbor, MI, "IPF: Predictors of Response and Mortality"
10/00	Lecturer, Department of Pathology "Interstitial Lung Disease Clinical Review"
5/01	Invited Speaker, Update in Internal Medicine, University of Michigan, Ann Arbor, MI "Update on Community Acquired Pneumonia"
5/01	Invited Speaker, Update in Internal Medicine, University of Michigan, Ann Arbor, MI "Dyspnea: Typical Complaints, Atypical Problems"
6/01	Lecturer, Pulmonary Clinical Conference, University of Michigan, Ann Arbor, "Lung Transplantation"
2/02	Lecturer, Pulmonary Clinical Conference, University of Michigan, Ann Arbor, "Pulmonary Alveolar Proteinosis"
5/2/02	Invited Speaker, Update in Internal Medicine, University of Michigan, Ann Arbor, "Pulmonary Rehabilitation"
5/23/02	Lecturer, K30 Research Meeting, University of Michigan, Ann Arbor, "Inflammation in Emphysema"
2/20/03	Lecturer, K30 Research Meeting, University of Michigan, Ann Arbor, "Inflammation in Emphysema"
5/2/03	Invited Speaker, Update in Internal Medicine, University of Michigan, Ann Arbor, "Bronchoreversibility in COPD"
5/2/03	Invited Speaker, Update in Internal Medicine, University of Michigan, Ann Arbor, "Effective Therapy for COPD"
5/15/03	Participant, Smoking Cessation Seminar, Ann Arbor, MI
8/21/03	Lecture, Pulmonary Clinical Conference, University of Michigan, Ann Arbor, "Pulmonary Billing 2003"
9/05/03	Invited Speaker, Pfizer Nicotine Dependence Preceptorship, Marriott, Ypsilanti, MI "Health Effects of Smoking"

University of Illinois at Chicago College of Medicine

10/97	Medical Grand Rounds, Mercy Hospital and Medical Center, "LVRS: Sound Therapy for Obstructive Lung Disease?", Chicago, IL
10/98	Medical Grand Rounds, Mercy Hospital and Medical Center, Chicago, IL, "IPF: Predicting Response to Therapy and Survival"

- 1997-2000 **Pulmonary Consultation Service, Mercy Hospital & Medical Center**
Attending physician 6 months/year 2 HO III residents and 2 4th yr. medical students. 2 hours of teaching rounds daily.
- 1997-2000 **ICU Service, Mercy Hospital & Medical Center**
Attending physician 4 months/year with 1 HO III, 3 HO II, 2 HO I and 2 4th year medical students. 3 hours of teaching rounds daily; 2 60 minute didactic sessions weekly.
- 1997-2000 **Pulmonary Clinic**
Attending physician outpatient pulmonary medicine specialty clinic, ½ day weekly.
- 1997-2000 **University of Illinois College of Medicine, through Mercy Hospital**
Introduction to the Patient – 6 2nd year medical students, 3 hrs./wk. for 3 weeks; 4 rotations/year.
- 1997-2000 **Internal Medicine Residency Program, Mercy Hospital**
6 yearly formal lectures on various topics in Pulmonary Medicine for the primary care physician.
- 1997-2000 **Ob/Gyn Residency Program, Mercy Hospital**
12 formal lectures/year on Critical Care and Pulmonary Medicine topics relevant to Ob/Gyn surgeons and primary care physicians
- 1997-2000 **Department of Respiratory Therapy, Mercy Hospital**
Monthly formal lectures on management topics in respiratory therapy and 1 monthly ICU bedside round session with therapists on concepts of ventilatory management. Performed as part of role of Educational Director of Respiratory Therapy.

EXTRAMURAL INVITED PRESENTATIONS

- 12/96 Visiting Lecturer, “Community Acquired Pneumonia: Current Treatment Issues” Sponsored by Abbott Laboratories
- 3/98 Speaker, Chicago Pharmacists Association, “Current Trends in the Management of Asthma”
- 6/98 Speaker, Illinois Society for Respiratory Care, “Lung Volume Reduction Surgery: Concepts and Applications”
- 6/00 Visiting Lecturer, Michael Reese Hospital and Medical Center Medical Grand Rounds “Status Asthmaticus”
- 6/00 Speaker, Illinois Society for Respiratory Care, “Idiopathic Pulmonary Fibrosis: Concerns for Respiratory Care and Therapy”
- 9/00 Speaker, Tri-State Thoracic Conference
“Atypical Asthma”
- 2/10/01 Speaker, Huron Valley Center Contemporary Issues in Medicine
“COPD: Therapeutic Alternatives”
- 2/03/01 Visiting Lecturer, St Joseph’s Hospital and Medical Center
Medical Grand Rounds “Lower Respiratory Tract Infections”
- 11/07/01 Speaker, Michigan Society for Respiratory Care, “Weaning from Mechanical Ventilation”
- 11/09/01 Visiting Lecturer, Crittenden Hospital
Medical Grand Rounds “Pathogenesis and Treatment of Asthma”
- 11/13/01 Speaker, Michigan Medical Society, “COPD, and Idiopathic Pulmonary Fibrosis: The Year in Review”

02/02	Visiting Lecturer, St. John's Hospital/Indiana Family Practice Grand Rounds"Pathogenesis and Treatment of Asthma"
02/27/02	Speaker, St. John's Hospital/Detroit Update on Pulmonary Medicine"Evidence Based Approach to Asthma"
03/07/02	Lecturer, University of Michigan University Health Service Grand Rounds"Update on Asthma"
04/10/02	Medical Grand Rounds, St Mary's Hospital - Hobart, IN Update on Asthma: Pathogenesis and Treatment
05/02	Sunrise Seminar, American Thoracic Society International Conference "LVRS vs. Lung Transplantation"
06/18/02	Speaker, Genessee Medical Society – Genessee, MI "Update on Asthma – Pathogenesis and Treatment"
05/15/02	Lecturer, Detroit Medical Center Medical Grand Rounds "Airway remodeling in Asthma"
06/25/02	Speaker, Lenawee County Medical Society "Hyperreactive airway disease"
06/26/02	Speaker, Michigan Society of Family Practice State Meeting "Asthma - Pathogenesis and Treatment"
06/26/02	Speaker, Michigan Society of Family Practice State Meeting "COPD – Medical and Surgical Options"
09/27/02	Speaker, AACVPR National Meeting –Charlotte, NC "LVRS – What We Know"
11/06/02	Speaker, MSMS Annual Scientific Mtg.- Troy, MI "Pulmonary Rehabilitation"
12/03/02	Speaker, Monroe Medical Society – Monroe, MI "COPD: Pathogenesis and Treatment"
01/08/03	Speaker, Evansville Pulmonary Associates, Evansville, IN "Multiple Controller Therapy for Additional Asthma Control"
01/14/03	Lecturer, Saginaw Cooperative Hospitals Internal Medicine Grand Rounds Saginaw, MI "Antibiotic Resistance"
01/15/03	Lecturer, Saginaw Cooperative Hospitals Family Practice Grand Rounds Saginaw, MI "Antibiotic Resistance"
02/12/03	Speaker, Monroe Medical Society – Monroe, MI "Antibiotic Resistance"
02/20/03	Speaker, Fireland Hospital Medical Grand Rounds – Sandusky, OH "Atypical Asthma"
03/26/03	Speaker, St Joseph's Hospital Family Practice Grand Rounds – Ann Arbor, MI "Atypical Asthma"
04/07/03	Speaker, Monroe Community College-Monroe, MI "GE reflux, Asthma and laryngeal dyskinesia"
04/08/03	Speaker, State of Michigan Society of Respiratory Care, Spring Meeting- Lansing, MI "When is it not Asthma"
04/22/03	Speaker, Lutheran Hospital-Fort Wayne, IN "Atypical Asthma"
10/11/03	Speaker, University of Michigan Hospital-Dearborn MI "Lung Transplantation for PPH: who and When?"
10/26/03	Speaker, 8 th Annual Symposium on Allergy, Asthma, and Immunology, Fort Wayne, IN "COPD Management"

11/26/03	Speaker, Saint Mary's Hospital-Livonia, MI "Effective Therapy for COPD"
12/08/03	Speaker, Wayne State University, Harper Hospital – Wayne, MI "The Disease State of COPD"
01/21/04	Speaker, Genesys Hospital – Flint, MI "Therapy for COPD"
03/29/04	Lecturer, Pfizer preceptorship- "Clinical presentation and diagnosis of COPD"
04/03/04	Lecturer, University of Michigan "COPD and Asthma: Same Thing-Different Day?"
04/13/04	Speaker, Holiday Inn South-Lansing MI "Lifestyle Modification of the Patient: Smoking Cessation and Pulmonary Rehabilitation"
04/15/04	Speaker, Holiday Inn South-Lansing MI "Peri-Operative Management of the COPD Patient"
04/20/04	Speaker, St. Vincent Mercy Medical Center-Toledo OH, Department of Emergency Medicine Grand Rounds "RTI (Respiratory Tract Infections) in the Emergency Department"
04/20/04	Speaker, St. Vincent Mercy Medical Center-Toledo OH, Department of Emergency Medicine Grand Rounds "Atypical Asthma"
04/22/04	Speaker, Traverse City Country Club-Traverse City MI, Second Annual Northern Michigan Asthma Symposium- Munson Medical Center grand Rounds "Diagnosis and Treatment of Atypical Asthma"
04/23/04	Speaker- Munson Medical Center Grand Rounds-Traverse City MI, "Evaluation of Respiratory Muscle Functioning"
04/24/04	Speaker, COBO Center-Detroit MI, Health Empowerment Expo, "Asthma"
04/24/04	Speaker, COBO Center-Detroit MI, Health Empowerment Expo, "COPD"
05/01/04	Speaker, Horizon's Conference Center-Saginaw MI, "Diagnosis and Treatment of COPD"
05/01/04	Speaker, Horizon's Conference Center-Saginaw MI, "LVRS"
05/11/04	Speaker, Sandusky Yacht Club-Sandusky OH, "COPD Treatment Options"
05/12/04	Speaker, Ritz Carlton- Dearborn MI, COPD Roundtable dinner program
05/18/04	Speaker, The Rattlesnake Club-Detroit MI "Update on the Medical Management of COPD" Roundtable diner

OTHER PRESENTATIONS

None

COMMITTEE AND ADMINISTRATIVE SERVICE

2003- Executive Committee, Medical School Admissions Committee
 2002- University of Michigan Medical School Admissions Committee
 2001- K30 Executive Curriculum Committee
 1997-2000 Internal Medicine Residency Program, Mercy Hospital, Chicago, IL
 Member of Resident Evaluation Committee
 Member of Residency Curriculum Committee.

PATENTS

None

BIBLIOGRAPHY

Peer-Reviewed Publications

1. Martinez FJ, Montes de Oca M, Whyte RI, Stetz J, Gay SE, Celli BR. Lung Volume Reduction Improves Dyspnea, Dynamic Hyperinflation, and Respiratory Muscle Function. *Am J Respir Crit Care Med* 1997; 155:1984-1990.
2. Gay SE, Kazerooni EA, Toews GB, Lynch JP III, Gross BH, Cascade PN, Spizarny, DL, Flint A, Schork MA, Whyte RI, Popovich J, Hyzy R, Martinez FJ "Idiopathic Pulmonary Fibrosis: Predicting Response to Therapy and Survival," *Am J Respir Crit Care Med*, 1998;157:1063-1072.
3. Flaherty KR, Travis WD, Colby TV, Toews GB, Kazerooni EA, Gross BH, Jain A, Strawderman III RL, Flint A, Lynch III JP, Gay S, Martinez FJ. Histopathologic variability in usual and nonspecific interstitial pneumonias *Am J Respir Crit Care Med* 2001; 164: 1722-1727.

Non-Peer-Reviewed Publications

1. Lynch JP III, Kazerooni E, Gay SE. Pulmonary Sarcoidosis. *Clin Chest Med*, 1997; 18(4):755-785.
2. Alhamad EH, Gay SE, Flaherty KR, Martinez FJ. Evaluating chronic dyspnea: A step-wise approach. *J Respir Dis* 2001; 22: 79-88.
3. Flaherty KR, White ES, Gay SE, Martinez FJ, Lynch III JP. Timing of lung transplantation for patients with fibrotic lung diseases. *Semin Respir Crit Care Med* 2001; 22: 517-531.

Articles Accepted for Publication

1.
 (in press)

Articles Submitted for Publication

None

Electronic Publications

None

Educational Videos-Physician Education Material

None

Books

None

Chapters in Books

1. Gay SE, Weisman I, Flaherty KR, Martinez FJ. Cardiopulmonary exercise testing in unexplained dyspnea. In: Weisman I, Zeballos RJ, eds. Progress in Respiratory Research, Volume 32: Clinical Exercise Testing. Basil, Switzerland. Karger 2002, pp 81-88.
2. Martinez FJ, Gay SE, Flaherty KR. Management of non-bronchiectatic chronic obstructive pulmonary disease. In: Maurer J, ed. Management of Non-neoplastic Advanced Lung Disease. New York, NY. Marcel Dekker, Inc. 2003, pp. 271-337.

Abstracts, Preliminary Communications, Clinical Papers

1. Gay, S, Hirsch AR, "The Effect of Ambient Olfactory Stimuli on the Evaluation of a Common Consumer Product" ACHEMS-XIII, No. 88. 1991.
2. Hirsch AR, Lieberman S, Gay S, "The Syndrome of Atmospheric Pressure Sensitive Paroxysmal Unilateral Phantosmia", Chemical Senses, Vol. 16 No. 5, pp. 535-6 1991
3. Gay SE, Kazerooni E, Gross B, Spizarny D, Hampton J, Martinez F, Popovich J, Hyzy R, Major M, Flint A, Whyte RI, Toews G, Lynch III JP, Martinez FJ, "High Resolution Chest CT (HRCT) as a Predictor of Response to High Dose Corticosteroid Therapy in IPF." *Am J Respir Crit Care Med*, 1996 153(4):A150.
4. Gay SE, Martinez FJ, Kazerooni E, Gross B, Hampton J, Flint A, Whyte RI, Toews G, Lynch III JP, "HRCT, CRP and Pathologic Fibrosis Score as Predictors of Mortality in IPF." *Am J Respir Crit Care Med*, 1996; 153(4):A150.
5. Gay SE, Christensen P, Curtis J, Paine R, Bria W, Watts C, Kazerooni E, Whyte R, Martinez FJ, "Functional Improvement After Lung Volume Reduction Surgery (LVRS) is Independent of Spirometric Changes." Presented at ATS International Conference, May 1996.

6. Gay SE , Chen GH , Christensen PJ , Goodman RE , McDonald RA , Toews GB, "Characterization of Growth Factor Responsive Lung Antigen Presenting Cells." Presented at AAI/FASEB June 1996
7. Bailey TM, Gay SE, Lowenberg N, Lewis P, Ojo TC, Christensen PJ, Curtis JL, Paine R, Bria WF, Weg JG, Watts CM, Quint LE, Kazerooni EA, Whyte RI, Martinez FJ, "Lung Volume Reduction Surgery (LVRS): Implications on Cost of Care for Severe Chronic Airflow Obstruction (CAO)." *Chest*. 1996; 110(suppl):180S.
8. Martinez FJ, Whyte RI, Gay SE, Christensen PJ, Paine R, Curtis JL, Mulligan M, Weg JG, Ojo TC, Bria WF, Watts CM, Kazerooni EA, "Bilateral Lung Volume Reduction Surgery (LVRS): Mechanisms of Improvement in Dyspnea." *Chest* 1996; 110(suppl):50S.
9. Ojo TC, Gay SE, Martinez FJ, Lowenberg N, Lewis P, Christensen PJ, Curtis JL, Paine R, Bria WF, Weg JG, Watts CM, Quint LE, Kazerooni EA, Whyte RI, "Management of Solitary Pulmonary Nodules Incidentally Discovered During Evaluation for Lung Volume Reduction Surgery (LVRS)." *Chest* 1996;110(suppl):56S.
10. Whyte RI, Kazerooni EA, Christensen PJ, Gay SE, Paine R, Curtis JL, Mulligan M, Weg JG, Bria WF, Watts CM, Martinez FJ, "Optimizing Selection Criteria For Lung Volume Reduction Surgery." ACCP 1996
11. Gay SE, Clark-Ojo T, Lewis P, Christensen P, Curtis J, Paine R, Bria W, Weg J, Watts C, Quint LE, Kazerooni E, Whyte R, Martinez FJ, "Lung Volume Reduction Surgery (LVRS): Implications for the Comprehensive Management of Patients with COPD." ACCP 1996
12. Gay SE, Kazerooni E, Gross B, Hariharan K, Spizarny D, Cascade P, Popovich J, Hyzy R, Major M, Flint A, Whyte RI, Toews G, Lynch III JP, Martinez FJ, "High Resolution Computed Tomography (HRCT) as Predictor of Response and/or Death in Idiopathic Pulmonary Fibrosis." *Chest* 1996; 110(suppl):172S.
13. Gay S, Flaherty K, Kazerooni E, Iannettoni M, Bria W, Martinez FJ. Four year follow-up of patients that underwent bilateral lung volume reduction surgery (LVRS). *Am J Respir Crit Care Med* 2001; 163: A487.
14. Gay S, Flaherty K, Alhamad E, Kazerooni E, Iannettoni M, Bria W, Martinez FJ. Six minute walk distance (6MWD) in COPD: Role of emphysema volume by helical CT. *Am J Respir Crit Care Med* 2001; 163: A912
15. Bria W, Alhamad E, Flaherty K, Kazerooni E, Iannettoni M, Gay S, Martinez FJ. Difference in COPD patients with vs without severe emphysema quantified by helical CT. *Am J Respir Crit Care Med* 2001; 163: A912
16. Alhamad E, Kazerooni E, Flaherty K, Iannettoni M, Gay S, Bria W, Martinez FJ. Survival in COPD is dependent on emphysema volume by helical CT. *Am J Respir Crit Care Med* 2001; 163: A909
17. Flaherty K, Kazerooni E, Toews G, Colby T, Travis WD, Gross B, Flint A, Lynch III JP,

Gay S, Martinez FJ. Change in pulmonary function and semiquantitative HRCT scores in patients with UIP and NSIP. *Am J Respir Crit Care Med* 2001; 163: A983

18. Flaherty K, Colby T, Travis W, Toews G, Flint A, Gay S, Strawderman R, Jain A, Lynch III JP, Martinez FJ. Differential presence of fibroblastic foci in usual interstitial pneumonia patients with or without connective tissue disease *Am J Respir Crit Care Med* 2001; 163: A983.
19. Alhamad E, Bach D, Kazerooni E, Flaherty KR, Gay S, Ojo T, Martinez FJ. Survival is worse in COPD patients with right heart abnormalities on echocardiography. *Am J Respir Crit Care Med* 2002; 165: A445.
20. Gay SE, Alhamad E, Bach D, Kazerooni E, Flaherty KR, Martinez FJ. Survival in COPD patients <65 years of age is dependent on emphysema volume by HRCT. *Am J Respir Crit Care Med* 2002; 165: A656.
21. Flaherty KR, Lama VN, King Jr. TE, Raghu G, Lynch III JP, Travis WD, Colby TV, Kazerooni EA, Gross BH, Long Q, Murray S, Toews GB, Gay SE, Martinez FJ. Clinical-radiographic-pathologic diagnosis in idiopathic interstitial pneumonia (IIP). *Am J Respir Crit Care Med* 2003;167:A299
22. Lama VN, Flaherty KR, Colby TV, Travis WD, Toews GB, Lynch III JP, Kazerooni EA, Gross BH, Murray S, Mumford JA, True M, Gay SE, Martinez FJ. Exercise induced desaturation and mortality in usual interstitial pneumonia (UIP). *Am J Respir Crit Care Med* 2003;167:A300
23. Lama VN, Flaherty KR, Travis WD, Colby TV, Toews GB, Lynch III JP, Kazerooni EA, Gross BH, Murray S, Mumford JA, True M, Gay SE, Martinez FJ. Predictors of exercise induced desaturation I usual interstitial pneumonia (UIP). *Am J Respir Crit Care Med* 2003;167:A986
24. Flaherty KR, Kazerooni EA, Mumford JA, Murray S, Gay SE, Martinez FJ. Emphysema quantity determined by high resolution computed tomography predicts bronchodilator response to albuterol. *Am J Respir Crit Care Med* 2003;167:A80.
25. Flaherty KR, Long Q, Murray S, Travis WD, Colby TV, Lama V, Gay SE, Toews GB, Martinez FJ. Baseline quality of life is similar in patients with usual interstitial pneumonia is similar compared to patients with nonspecific interstitial pneumonia. *Am J Respir Crit Care Med* 2004;169:A778.
26. Flaherty KR, King TE, Raghu G, Kazerooni EA, Gross BH, Travis WD, Colby TV, Lynch III JP, Long Q, Murray S, Gay SE, Lama VN, Thannickal VJ, Toews GB, Martinez FJ. A confident clinical and radiographic diagnosis of usual interstitial pneumonia or nonspecific interstitial pneumonia is associated with a higher likelihood of finding histologic UIP or NSIP on biopsy. *Am J Respir Crit Care Med* 2004;169:A706.
27. Gay SE, Kazerooni EA, Cheng D, Flaherty KR, Mumford JA, Murray S, Curtis JL, Lama VN, Christensen PJ, Martinez FJ. The predictive value of exercise induced desaturation on mortality in patients with severe COPD. *Am J Respir Crit Care Med* 2004;169:A773.

28. Lama VN, Mumford JA, Murray S, Flaherty KR, Gay SE, Clark Ojo T, Hyzy RC, Toews GB, Martinez FJ. Role of potential bronchiolitis obliterans syndrome stage (BOS 0-p). *Am J Respir Crit Care Med* 2004;169:A268.
29. Lama VN, Mumford JA, Murray S, Peters-Golden M, Flaherty KR, Gay SE, Clark Ojo T, Hyzy RC, Toews GB, Chang A, Polidori DJ, Iannettoni MD, Martinez FJ. Validating predictive utility of the bronchiolitis obliterans syndrome designation. *Am J Respir Crit Care Med* 2004;169:A270.
30. Gay SE, Flaherty KR, Mumford J, Kazerooni EA, Murray S, Martinez FJ. Decreased body mass index in COPD is associated with quantity of emphysema. *Submitted to European Respiratory Society 2004.*

Research Publications in Non-Scientific or Clinical Journals

None